

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-4. (Canceled).

5. (Previously Presented) A method of searching digital communication signals in a system, the method comprising:

combining a plurality of channel measurements;

providing output of the combining of channel measurements as an added input to the combining a plurality of channel measurements;

acquiring a signal symbol based on results from the combining of channel measurements without addressing every timing hypothesis individually via a correlation operation; and

multiplying a received chip by a channel reliability factor and providing the product as a channel measurement,

wherein the channel reliability factor is determined using:

$$R = 4 \left(\frac{E_c}{N_o} \right) \left[\frac{1}{\sqrt{E_c}} \right]$$

where R is the channel reliability factor, E_c is a signal level and N_o is a noise level.

Claims 6-12. (Canceled).

13. (Original) A method of searching digital communication signals in a system including a plurality of buffers, the method comprising

locating digital samples in an even phase group of sample buffers or an odd phase group of sample buffers based on the phase of a particular digital sample;

providing digital samples from the even phase group of sample buffers or the odd phase group of sample buffers to a demodulator as needed by the demodulator; and

providing digital samples from the even phase group of sample buffers or the odd phase group of sample buffers to a searcher when not needed by the demodulator.

14. (Previously Presented) The method of claim 13, further comprising entering a power down state upon providing a sufficient number of digital samples to the searcher.

15. (Original) The method of claim 14, further comprising leaving the power down state when a new block of data is available.